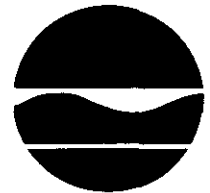


EFED

Received 2/24/05

I 015466-001

New York State Department of Environmental Conservation
Division of Fish, Wildlife, and Marine Resources
Wildlife Pathology Unit
108 Game Farm Road, Delmar, NY 12054



Erin Crotty
Commissioner

February 9, 2005

Ms. Marcia Fabiano
Columbia County Department of Health
71 North Third Street
Hudson, New York 12534

RE: Screech Owl COL040023

Dear Ms. Fabiano: ***Personal privacy information***

The following is a summary of history and findings for this case.

History: Found dead at [REDACTED], Town of Stockport, City of Hudson (Columbia County), New York on June 17, 2004.

Findings: A nestling, female, screech owl with a gross weight of 119 grams. The skeletal muscle and heart were pale and anemic looking. There were not traumatic injuries and traces of insects in the ventriculus. Because of the extreme pallor, a screen for rodenticides was ordered.

Virology: (Test for West Nile Virus was done by the ARBO Virus Laboratory of the New York State Department of Health). As you know from the Health Information Network, the owl was negative for West Nile Virus by PCR, VecTest, and RAMP.

Toxicology (See attached laboratory report(s) from the Illinois Department of Agriculture, Bureau of Animal Disease Laboratory, Centralia, Illinois): Brodifacoum was found at .63 ppm in the liver.

Diagnosis: Extreme anemia with the anticoagulant rodenticide Brodifacoum as the probable cause of death.

Comments: Incoming birds from county health departments were primarily being checked for West Nile Virus for monitoring the location of that virus. A lack of toxicology funds delayed my ordering the needed test until December, 2004.

JSB rec'd 2/28/05

This is an important case because it continues to show elevated levels of Brodifacoum in New York State birds of prey. Brodifacoum needs further restrictions, and in my view, from the existing literature and data base banning from use.

Sorry for the delay.

Sincerely,

A handwritten signature in cursive script, reading "Ward B. Stone".

Dr. Ward B. Stone
Wildlife Pathologist

Attachment(s)

WBS:rd

cc: J. Mastrotta (USEPA)
A. Johnsen
L. Skinner
Toxicant Case Binder

Diagnostic findings may not be used for publication without the pathologist's knowledge and consent.



Accession No: 338222

TOXICOLOGY

DIAGNOSTIC

**DR WARD STONE
NEW YORK WILDLIFE
108 GAME FARM ROAD
DELMAR NY 12054**

Date Submitted: 1/5/2005

Date Reported: 1/24/2005

PH: 518-4783032 FAX: 518 - 4783035

Sample ID	Family:	Species:	Breed:	Sex:	Age:	Wt:
COL040023	Raptor	Owl	Screech			

Notes:

LABORATORY FINDINGS

TOXICOLOGY RESULTS:

COL040023 Liver RODENTICIDE SCREEN: Brodifacoum - .63 ppm

THE FOLLOWING TOXINS ARE INCLUDED IN THE RODENTICIDE SCREEN

FUMARIN	DIPHACINONE
RACUMIN	PINDONE
WARFARIN	VALONE
COUMACHLOR	CHLOROPHACINONE
DIFENACOUM	BROMADIOLONE
BRODIFACOUM	DIFETHIALONE

JS 1/24/2005


James R. Stedelin, Chemist